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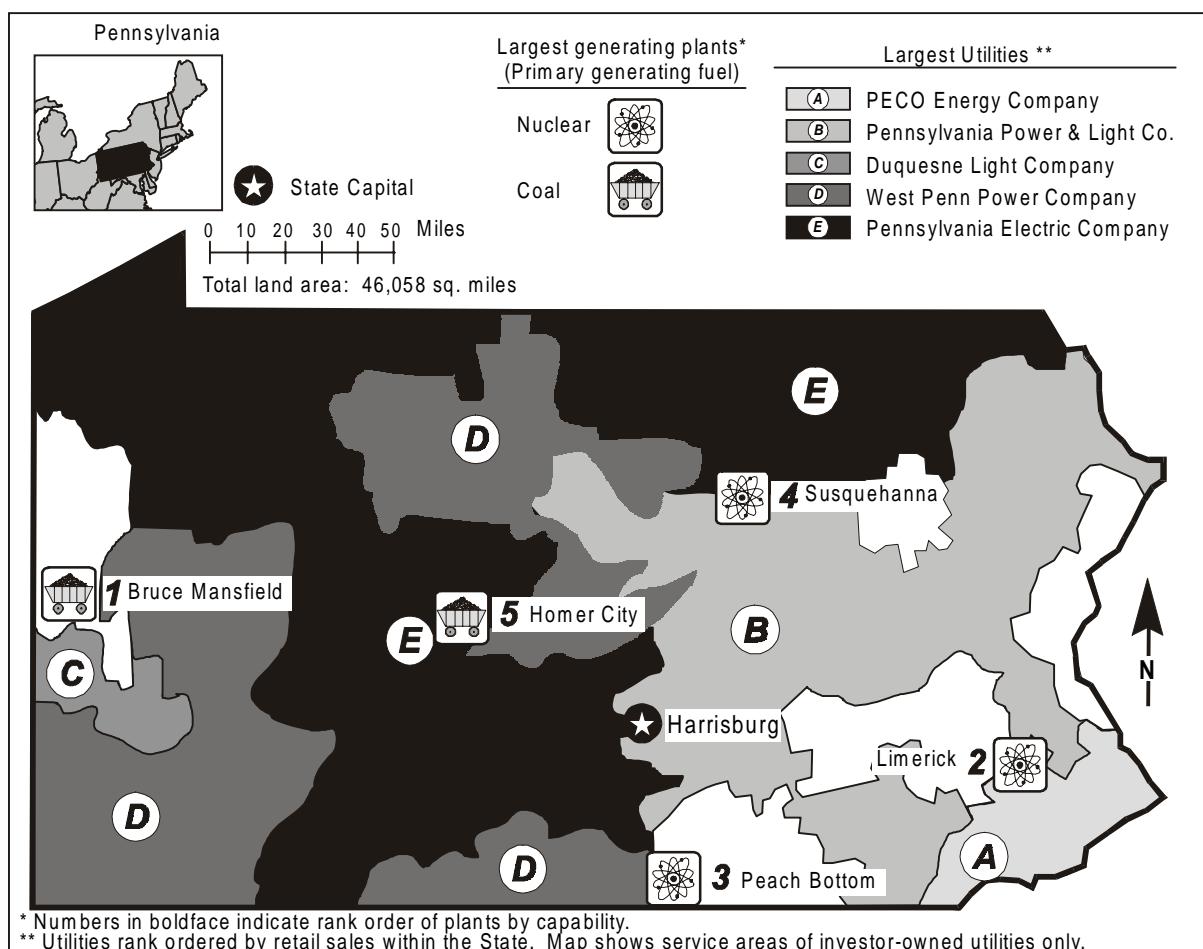


Table 1. 1998 Summary Statistics

Item	Value	U.S. Rank	Item	Value	U.S. Rank
NERC Region(s)			ECAR/MACC		
Net Exporter or Importer			Exporter		
Primary Generating Fuel			Coal		
Population (as of 7/98)	12,002,329	6	Average Age of Plants (years)		
Average Electricity Price (cents/kWh) ^a	7.86	40	Coal-fired	33,781	3
Industrial	5.63	41	Petroleum-fired	173,903,236	2
Commercial	8.26	40	Gas-fired		
Residential	9.93	40	Nuclear		
			Hydroelectric		
Industry			Nonutility		
Capability (MW)	36,563	4	Capability (MW)	2,781	9
Generation (MWh)	191,134,032	2	Share of Capability (Percent) ...	7.6	24
Capability/person (KWe/person)	3.05	25	Generation (MWh)	17,230,796	8
Generation/person (MWh/person)	15.92	21	Share of Generation (Percent) ..	9	20
Emissions (Thousand Short Tons)					
Sulfur Dioxide	1,096	2			
Nitrogen Oxide	335	6			
Carbon Dioxide	129,324	4			
Sulfur Dioxide/sq. mile (Tons)	23.79	4			
Nitrogen Oxides/sq. mile (Tons)	7.27	8			
Carbon Dioxide/sq. mile (Tons)	2,807.84	10			

Table 2. Five Largest Plants, 1998

Plant	Energy Source ^b	Operating Company	Net Capability (MW)	Age (Years)
1. Bruce Mansfield	Coal	Pennsylvania Power Co	2,360	22
2. Limerick	Nuclear	PECO Energy Co	2,249	12
3. Peach Bottom	Nuclear	PECO Energy Co	2,186	24
4. Susquehanna	Nuclear	PP&L Inc	2,184	15
5. Homer City	Coal	Pennsylvania Electric Co	1,884	29

Table 3. Top Five Utilities Ranked by Retail Sales Revenue Within the State, 1998
(Million Dollars)

Utility	All Sectors	Residential	Commercial	Industrial	Other
A. PECO Energy Company	3,193	1,331	747	1,033	82
B. Pennsylvania Power & Light Co	2,361	951	826	561	23
C. Duquesne Light Company	1,072	405	468	183	16
D. West Penn Power Company	949	380	222	340	7
E. Pennsylvania Electric Company	873	318	306	243	6
Total	8,450	3,386	2,569	2,360	135
Percentage of Utility Sales	85	82	86	88	89

Table 4. Electric Power Industry Generating Capability by Plant Type, 1988, 1993, and 1998
(Megawatts Electric)

Plant Type	1988	1993	1998	Annual Growth Rate 1988-1998 (Percent)	Percentage Share 1988	Percentage Share 1993	Percentage Share 1998
Total Utility	32,387	33,423	33,781	0.5	93.5	93.4	92.4
Coal-fired	17,501	17,480	17,386	-0.1	50.5	48.8	47.6
Petroleum-fired	4,991	4,875	2,391	-7.9	14.4	13.6	6.5
Gas-fired	88	19	85	-0.4	0.3	0.1	0.2
Dual-fired	223	428	2,914	33.1	0.6	1.2	8.0
Nuclear	7,692	8,709	9,035	1.8	22.2	24.3	24.7
Hydroelectric	1,892	1,912	1,970	0.4	5.5	5.3	5.4
Total Nonutility	2,259	2,379	2,781	2.3	6.5	6.6	7.6
Industry	34,645	35,802	36,563	0.6	100.0	100.0	100.0

Figure 1. Utility Generating Capability by Plant Type, 1998

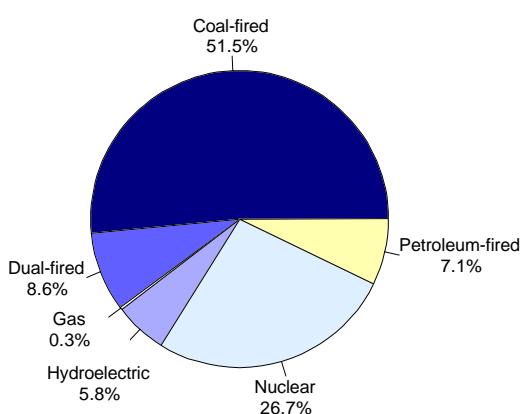


Figure 2. Utility Generation by Primary Energy Source, 1998

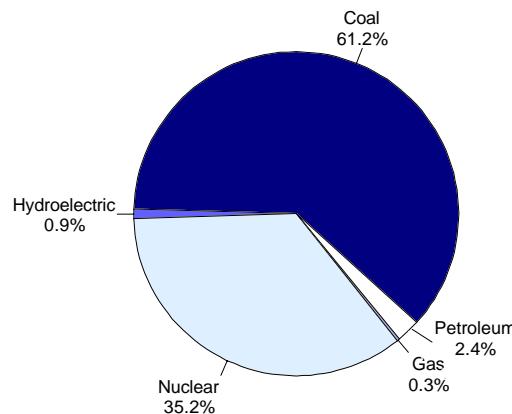


Table 5. Electric Power Industry Generation of Electricity by Primary Energy Source, 1988, 1993, and 1998
(Megawatthours)

Fuel	1988	1993	1998	Annual Growth Rate 1988-1998 (Percent)	Percentage Share 1988	Percentage Share 1993	Percentage Share 1998
Total Utility	152,932,451	166,200,686	173,903,236	1.4	92.6	91.7	91.0
Coal	106,238,865	100,390,066	106,516,740	*	64.3	55.4	55.7
Petroleum	7,915,427	4,559,186	4,097,006	-7.1	4.8	2.5	2.1
Gas	211,139	796,697	572,172	11.7	0.1	0.4	0.3
Nuclear	37,862,331	59,330,534	61,149,224	5.5	22.9	32.7	32.0
Hydroelectric	704,690	1,124,203	1,568,094	9.3	0.4	0.6	0.8
Total Nonutility	12,285,099	14,981,051	17,230,796	3.8	7.4	8.3	9.0
Industry	165,217,551	181,181,737	191,134,032	1.6	100.0	100.0	100.0

Table 6. Utility Delivered Fuel Prices for Coal, Petroleum, and Gas, 1988, 1993, and 1998
(Cents per Million Btu, 1998 Dollars)

Fuel	1988	1993	1998	Annual Growth Rate 1988-1998 (Percent)
Coal	145.3	143.6	135.0	-0.8
Petroleum	245.8	255.8	225.7	-0.9
Gas	333.0	257.6	316.5	-0.6

Table 7. Electric Power Industry Emissions Estimates, 1988, 1993, and 1998
(Thousand Short Tons)

Emission Type	1988	1993	1998	Annual Growth Rate 1988-1998 (Percent)
Sulfur Dioxide	1,258	1,157	1,096	-1.5
Nitrogen Oxides ^c	408	351	335	-2.2
Carbon Dioxide ^c	115,878	106,948	129,324	1.2

Figure 3. Utility Generation of Electricity by Primary Energy Source, 1988-1998

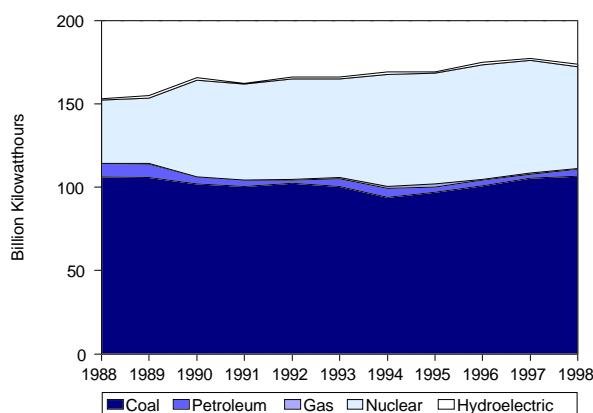
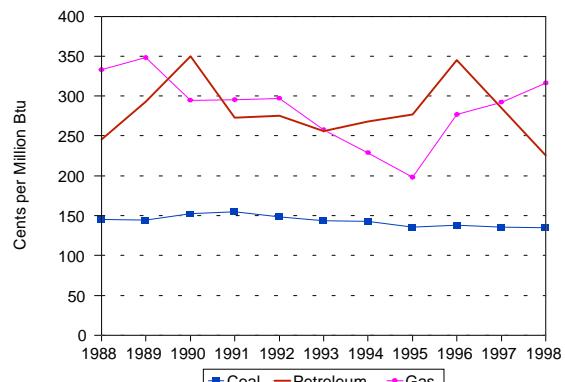
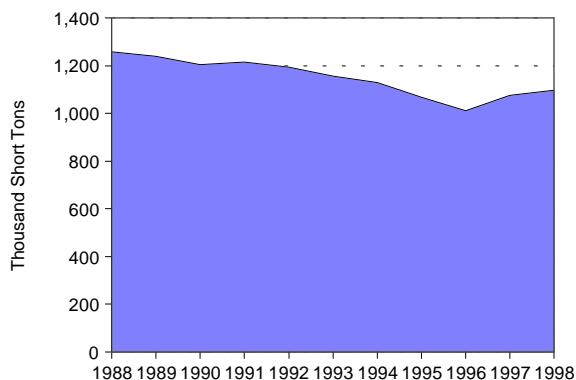


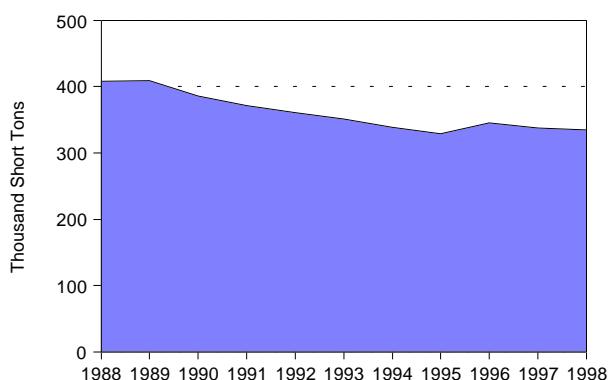
Figure 4. Utility Delivered Fuel Prices for Coal, Petroleum, and Gas, 1988-1998
(1998 Dollars)



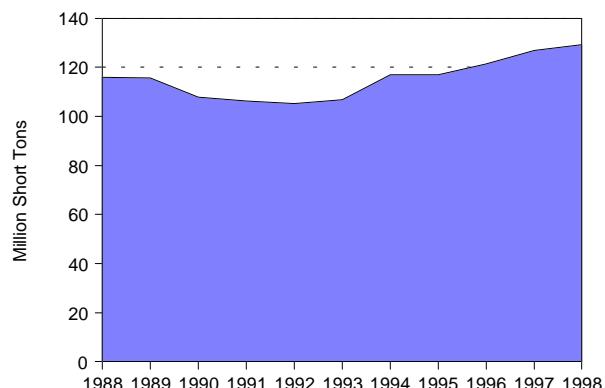
**Figure 5. Estimated Sulfur Dioxide Emissions,
1988-1998**



**Figure 6. Estimated Nitrogen Oxide Emissions,
1988-1998**

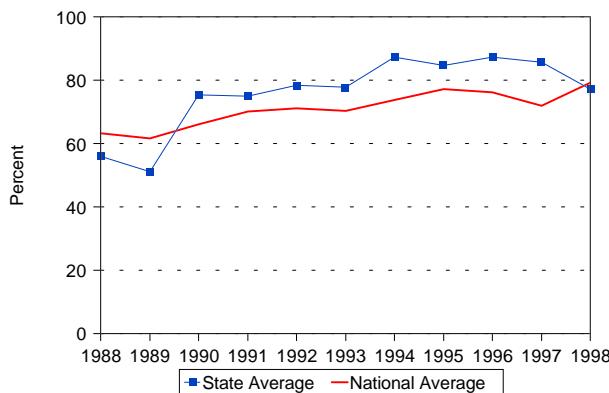


**Figure 7. Estimated Carbon Dioxide Emissions,
1988-1998**



**Table 8. Utility Retail Sales by Sector, 1988, 1993, and 1998
(Megawatthours)**

Sector	1988	1993	1998	Annual Growth Rate 1988-1998 (Percent)	Percentage Share 1988	Percentage Share 1993	Percentage Share 1998
Residential . . .	37,827,938	41,455,430	41,357,846	1.0	33.5	34.5	32.8
Commercial . .	27,334,294	32,251,642	36,187,624	3.2	24.2	26.9	28.7
Industrial	46,291,093	44,949,311	47,489,537	0.3	41.0	37.5	37.6
Other	1,438,133	1,325,111	1,223,027	-1.8	1.3	1.1	1.0
Total	112,891,456	119,981,494	126,258,034	1.3	100.0	100.0	100.0

Figure 8. Nuclear Power Capacity Factor Comparison, 1988-1998**Table 9. Utility Retail Sales Statistics, 1988, 1993, and 1998**

Item	Investor-Owned	Public	Federal	Cooperative	Total
1988					
Number of Utilities	11	34	--	13	58
Number of Retail Customers	4,830,508	71,827	--	169,874	5,072,209
Retail Sales (MWh)	110,102,710	1,132,266	--	1,656,480	112,891,456
Percentage of Retail Sales	97.5	1.0	--	1.5	100.0
Revenue from Retail Sales (million 1998 dollars) ^d	9,884	96	--	202	10,182
Percentage of Revenue	97.1	0.9	--	2.0	100.0
1993					
Number of Utilities	11	34	--	12	57
Number of Retail Customers	5,079,450	75,862	--	180,212	5,335,524
Retail Sales (MWh)	116,904,778	1,226,548	--	1,850,168	119,981,494
Percentage of Retail Sales	97.4	1.0	--	1.5	100.0
Revenue from Retail Sales (million 1998 dollars) ^d	10,148	99	--	211	10,458
Percentage of Revenue	97.0	1.0	--	2.0	100.0
1998					
Number of Utilities	11	34	--	13	58
Number of Retail Customers	5,260,806	79,313	--	195,696	5,535,815
Retail Sales (MWh)	122,956,976	1,297,549	--	2,003,509	126,258,034
Percentage of Retail Sales	97.4	1.0	--	1.6	100.0
Revenue from Retail Sales (million 1998 dollars) ^d	9,630	96	--	197	9,923
Percentage of Revenue	97.0	1.0	--	2.0	100.0